

## OPC- 1x8 FBT Coupler

### Features:

Low insertion loss, low PDL  
 High credibility and stability  
 Industry standard and custom housing available  
 Various coupling ratio and connector available

### Application:

Optical communication system  
 CATV System  
 System and signal monitoring  
 Fiber to the home (FTTH)



### Specification:

Parameter	SM-DW-1X8 COUPLER/SPLITTER	
Coupling Ratio	%	12.5each port
Operating Wavelength	nm	1310 , 1550nm
Operating Bandwidth	nm	±40
Insertion Loss	dB	≤11.3
TDL (Max)	dB	≤0.25
PDL (Max)	dB	≤0.2
Directivity	dB	≥55
Return loss	dB	≥55
Operating Temperature	°C	-40~+85
Cable Type/Connector Type	Customized	
Packaging Dimension	ABS(100x80x10mm)	
Qualifications	Telcordia GR-1221	

*Specifications may change without notice*

### Order Information:

#### OPC-①-②-③-④-⑤-⑥-⑦

#### ①Operating wavelength

31=1310nm

55=1550nm

35=1310nm and 1550nm

SS=Special

#### ②Port

18=1x8

#### ③Coupling Ratio

01=12.5% Each port

C=Customized

#### ④Grade

P=P Grade

A=A Grade

#### ⑤Packaging Dimension

A=ABS box(100x80x10mm)

S=Special

#### ⑥Fiber length

A=0.5 Meter

B=1.0 Meter

C=Customized

#### ⑦Connector Type

0=None

1=FC/UPC

2=FC/APC

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C=Customized